SUPPORT DIRECTORATE
ADP COORDINATION
FY 69 - 73

INTRODUCTION

Support wide ADP requirements cover the entire range of system and computer capability: standard business applications; highly specialized automated message switching and type setting; scientific computation and high volume data processing; and hybrid analog to digital processing and analysis. The Information Processing Branch has collected between 2500 and 3000 statements of requirements from Support components which reflect the need for these ADP capabilities. It would be impossible to incorporate all of these activities into one massive system and this is not a Directorate objective. These ADP and ADP related areas with their potential for using quantities of manpower and money require careful planning by substative specialists at the office level and at the Directorate level a capability for conducting thorough evaluation of plans and proposals developed to solve specific as well as generalized problems. Our principal objectives in the time frame of this plan are to develop and maintain this planning and evaluative capability.

A classification of ADP activity is required in order to handle the complexities of the Support ADP picture. At the present time the following four areas provide the most relevant structure:

     1. Projects using computing equipment in support of non-ADP functions.

     2. The Support Information Processing System.

     3. On going ADP projects.

     4. New Management requirements.

ADP PROJECTS SUPPORTING NON-ADP FUNCTIONS

Two primary examples of highly specialized use of computing equipment are MAX and EPIC.

The Office of Communications, which has developed MAX merits separate attention because of the unique nature of its ADP utilization, and a separate Communications 5 year ADP plan is attached (Attachment 1).

Indications for EPIC suggest that two EPIC programmers and one analyst will be required to modify existing EPIC software, and to design, program and implement a tabular printing capability for EPIC. Again because of its unique nature, a separate submission for Printing Services is submitted (Attachment 2).

The manpower resources for these projects cannot be satisfied by "general purpose" programmers and the resulting systems are not necessarily part of an integrated system such as SIPS. These resource requirements, however, are a Directorate problem and resource allocations will be considered in a Directorate context.
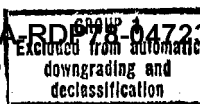
SUPPORT INFORMATION PROCESSING SYSTEMS

The second area, SIPS, being developed by the Information Processing Branch, Support Services Staff has already been described. SIPS, during this planning period, will include the data processing, computational, storage, retrieval and reporting capabilities (manual and automated) for major segments of the Support Directorate.

ONGOING ADP PROJECTS

The third area poses a planning problem for the Information Processing Branch. Most, if not all, of the ongoing ADP projects and applications are included in SIPS planning but not necessarily on a one-for-one basis. Lacking a one-for-one correspondence between elements of the new system and the old, the possibility of dual operation or at least overlapping operation exists to a degree which cannot be identified at this time. Most of these projects have been described in the Fiscal 1964 - 1968 section of this submission. Fiscal 1969 - 1973 planning is based on the premise that they should continue as separate projects until the extent of their relationship with SIPS is established. Stress measurement, for example, has been a joint Office of Security - Office of Research and Development, DD/S&T project, with funding coming from ORD. The installation of a prototype system by July 1967 will terminate the DD/S&T support and the Office of Security has requested funds to continue this program in their Interrogation Research Division. The Office of Security has also established a requirement for a telecommunications link ▇▇▇▇▇▇▇▇▇▇▇ in connection with

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the National Agency Name Check program, which will extend their capability for interrelating with Intelligence Community security files.

NEW MANAGEMENT REQUIREMENTS

The fourth classification recognizes the fact that the Support Directorate cannot suspend progress while ADP systems are being developed and installed. Valid management requirements of last year may be superseded by more significant requirements in the coming year; it would be foolish to plan a static management environment for any appreciable period of time. Part of the justification for the permanency of the Information Processing Branch rests on this assumption of change. SIPS, as the major branch product, must continue to be responsive to a changing management environment. Failure to insure this continuing capability to cope with change would foreshorten the life expectancy of SIPS because the inability to upgrade and maintain it would cause it to be obsolete almost before it could be fully implemented.

Every office in the Support Directorate will develop new requirements which cannot be solved with old methods. The Office of Medical Services proposes for example, a Studies Center, "to develop a multidiscipline approach - Psychiatry, Psychology, Sociology, etc. for inquiries into the ways in which the human resources of the Agency can be conserved, managed and developed." While OMS anticipates no additional resource requirements for this effort it is certain that an activity such as this will result in requirements for SIPS.

SUMMARY

ADP in the Support Directorate is a broadly based, dynamic activity. Just as we see no realistic alternative to the development of SIPS, neither do we see any alternative to the careful coordination at all Directorate levels of these ADP and ADP related activities. They are all valid and valuable. They should proceed concurrently to the extent Support Directorate and Agency resources allow. Before these resources are over extended the need for prudent and coordinated resource allocation will be developed and maintained.

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